AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A process for the treatment of the glass sheets of an asymmetric pair of glass sheets for the production of a laminated window, whereby the glass sheets are preheated, then undergo a press-bending process and are finally cooled, ~~characterised in that~~ wherein the preheating and/or the press-bending process are controlled in such a way that the two glass sheets are at substantially the same temperature after completion of the press-bending process.

2. (Currently Amended) The process according to claim 1, ~~characterised in that~~ wherein the temperature of the glass sheets is detected as a control parameter after completion of the press-bending process.

3. (Currently Amended) The process according to claim 1 ~~or 2~~, ~~characterised in that~~ wherein the temperature of the glass sheets is detected as a control parameter before the start of the press-bending process.

4. (Currently Amended) The process according to ~~any one of claims 1 to 3, characterised in that~~ claim 1, wherein the glass sheet heating more rapidly is subjected to the press-bending process for a longer period than the glass sheet heating more slowly.

5. (Currently Amended) The process according to ~~any one of claims 1 to 4, characterised in that~~ claim 1, wherein the glass sheet heating more rapidly is subjected to intermediate cooling during or immediately after the preheating.

6. (Currently Amended) The process according to claim 5, ~~characterizing in that~~ wherein the intermediate cooling is carried out by blowing air at ambient temperature at both sides of the glass sheet.

7. (Currently Amended) The process according to claim 6, ~~characterizing in that~~ wherein the air is blown with a blowing pressure of<200 mbar.

8. (Currently Amended) A plant for the treatment of the glass sheets ~~(2)~~ of an asymmetric pair of glass sheets for the production of laminated glass, ~~with~~ comprising a preheating furnace ~~(1)~~, followed by a press-bending station ~~(4)~~, ~~and with~~ a lehr ~~(9)~~ downstream of the press-bending station ~~(4)~~, ~~characterised by~~ a control device ~~(16)~~ for controlling the preheating furnace ~~(1)~~ and/or the press-bending station ~~(4)~~ and ~~by~~ at least a first temperature measuring point ~~(11)~~ for the glass sheets ~~(2)~~, arranged between the press-bending station ~~(4)~~ and the lehr ~~(9)~~, the signal from which temperature measuring point is fed to the control device ~~(16)~~ and used directly or indirectly for controlling the preheating furnace ~~(1)~~ and/or the press-bending station ~~(4)~~.

9. (Currently Amended) The plant according to claim 8, ~~characterised in that~~ wherein there is provided before the press-bending station ~~(4)~~ a further temperature measuring point ~~(14)~~, the signal from which is fed to the control device ~~(16)~~ and used as an indirect measure of the temperature of the glass sheets ~~(2)~~ at the exit of the press-bending station ~~(4)~~ for controlling the preheating furnace ~~(1)~~ and/or the press-bending station ~~(4)~~.

10. (Currently Amended) The plant according to claim 8 ~~or 9~~, ~~characterised by~~ further comprising an intermediate cooling installation ~~(12, 13)~~ arranged in the preheating furnace ~~(1)~~, whereby the control device ~~(16)~~ causes the intermediate cooling installation ~~(12, 13)~~ to act solely on the glass sheet ~~(2)~~ heating more rapidly.

11. (Currently Amended) The plant according to claim 10, ~~characterised in that~~ wherein the intermediate cooling installation is designed as a stationary air-cooling installation and has at least one pair of jet tubes ~~(12, 13)~~, which are aligned at right angles to the transport direction of the glass sheets ~~(2)~~ and, lying opposite one another, act on the upper and lower side of the glass sheet heating more rapidly.

12. (Currently Amended) The plant according to claim 11, ~~characterised in that~~ wherein the jet tubes ~~(12, 13)~~ have a diameter of approx. 40 mm to 60 mm.

13. (Currently Amended) The plant according to ~~any one of claims 8 to 12, characterised in that~~ claim 8, wherein the preheating furnace ~~(1)~~ is designed as a roller-hearth furnace, whereby the spacing between its transport rollers ~~(3)~~ diminishes towards the exit, and that the pair of jet tubes ~~(12, 13)~~, or in the case of several pairs of jet tubes ~~(12, 13)~~ the pair lying nearest to the exit, is arranged where the lower jet tube ~~(12)~~ just still fits between two neighbouring transport rollers ~~(3)~~.

14. (Currently Amended) The plant according to ~~any one of claims 8 to 13, characteised in that it includes~~ claim 8, further comprising a timing control element ~~(15)~~, with which the dwell time of the glass sheets ~~(2)~~ in the press-bending station ~~(4)~~ is set according to the temperature of the glass sheets ~~(2)~~ at the exit of the pres-bending station ~~(4)~~ determined with the aid of the temperature measuring point(s) ~~(11, 14)~~.